

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: <b>September 29, 2000</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLN. NO. (if known): <b>09/647360</b>
INTERNATIONAL APPLICATION NO.: <b>PCT/FR99/00745</b>	INTERNATIONAL FILING DATE: <b>MARCH 30, 1999</b>	PRIORITY DATE CLAIMED: <b>MARCH 30, 1998</b>
TITLE OF INVENTION: <b>TRANSPARENT OR TRANSLUCENT PAPER ENVELOPE</b>		
APPLICANT(S) FOR DO/EO/US: <b>Emeric THIBIERGE and Jean François LOEILLOT</b>		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <u>XX</u> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <u>   </u> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <u>XX</u> This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <u>XX</u> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <u>XX</u> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): <ol style="list-style-type: none"> <li>a. <u>   </u> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <u>XX</u> has been transmitted by the International Bureau.</li> <li>c. <u>   </u> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <u>XX</u> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <u>XX</u> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <u>   </u> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <u>   </u> have been transmitted by the International Bureau.</li> <li>c. <u>   </u> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <u>XX</u> have not been made and will not be made.</li> </ol> </li> <li>8. <u>   </u> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <u>XX</u> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <u>XX</u> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b>		
<ol style="list-style-type: none"> <li>11. <u>   </u> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <u>XX</u> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <u>XX</u> A <b>FIRST</b> preliminary amendment. <u>   </u> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li>14. <u>   </u> A substitute specification.</li> <li>15. <u>   </u> A change of power of attorney and/or address letter.</li> <li>16. <u>XX</u> Other items or information: International Search Report.</li> </ol>		

U.S. APPLICATION NO. (if known) <b>09/647360</b>	INTERNATIONAL APPLICATION NO. <b>PCT/FR99/00745</b>	DATE: <b>September 29, 2000</b>
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17. <input checked="" type="checkbox"/> The following fees are submitted:  <b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b> Search Report has been prepared by the EPO or JPO: ..... \$840.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$670.00  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$690.00  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00  International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$ 96.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>	<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>
<b>\$ 840.00</b>		

Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than __ 20 __ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	26 -20 =	6	X \$ 18.00	<b>\$ 108.00</b>	
INDEPENDENT	1 - 3 =		X \$ 78.00		
Multiple dependent claims(s) (if applicable)			+ \$260.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 948.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				<b>\$- 474.00</b>	
<b>SUBTOTAL =</b>				<b>\$ 474.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than __ 20 __ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +					
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 474.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <div style="text-align: right;"><b>\$40.00 per property +</b></div>				<b>\$ 40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 514.00</b>	
				Amount to be: <div style="text-align: right;">           _____ refunded \$ _____            _____ charged \$ _____         </div>	

ATTORNEY'S DOCKET NO: 001254

U.S. APPLICATION NO. (if known) <b>09/647360</b>	INTERNATIONAL APPLICATION NO.  <b>PCT/FR99/00745</b>	DATE: <b>September 29, 2000</b>
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a. ☒ A check in the amount of \$ **514.00** to cover the above fees is enclosed. (This paper is filed in triplicate)


b. ☐ Please charge my Deposit Account No. 01-2340 in the amount of \$\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2340.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.**

Send All Correspondence To:

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SIGNATURE

**Nicolas E. Seckel**  
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**44,373**  
REGISTRATION NUMBER

NES/yap

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Emeric THIBIERGE et al.

Serial No.: (unassigned)

Group Art Unit: (unassigned)

Filed: Herewith

Examiner: (unassigned)

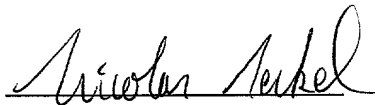
For: TRANSPARENT OR TRANSLUCENT PAPER ENVELOPE

CERTIFICATION OF TRANSLATION OF ANNEXES  
TO THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT  
OF PCT/FR99/00745

The undersigned certifies that he is fluent in the French language and in the English language,  
and that this is a true and correct translation of the original.

Date: 9/29/00

Signature

  
Nicolas E. Seckel

09647360-092900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Emeric THIBIERGE et al.

Serial No.: (unassigned)

Group Art Unit: (unassigned)

Filed: Herewith

Examiner: (unassigned)

For: TRANSPARENT OR TRANSLUCENT PAPER ENVELOPE

PRELIMINARY AMENDMENT

Director of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee and examination of this application, please amend the above-identified application as follows:

**IN THE SPECIFICATION, CLAIMS, AND ABSTRACT:**

Please replace the specification, claims, and abstract with the substitute specification, claims and abstract which are being submitted concurrently herewith. The substitute specification and claims include changes made under Article 34 PCT. Specifically, the term "transmission" was replaced by "reflection" throughout the specification, and original claims 1-12 were replaced by new claims 1-13. In the substitute abstract, the title, the reference numbers and the two last lines have been deleted, and the presentation was changed to a single paragraph.

**IN THE CLAIMS:**

Please cancel claims 1-13 and add new claims 14-39 as follows.

006260 "09E4960

--14. Product comprising at least two transparent or translucent faces attached one to the other by means of a deposit of adhesive or glue having a specific shape, wherein the deposit of adhesive or glue is visible by transparence and by reflection.

15. Product according to claim 14, comprising a front face and a back face, the back face comprising two flaps and a lower flap attached to the flaps by means of a deposit of glue having a specific shape, wherein the deposit of adhesive or glue is visible by transparence and by reflection.

16. Product according to claim 14, wherein the deposit of adhesive or glue is made up of three parallel, substantially equidistant lines.

17. Product according to claim 15, wherein the deposit of adhesive or glue is made up of three parallel, substantially equidistant lines.

18. Product according to claim 14, comprising an upper flap having a deposit of adhesive or glue sensitive to pressure, wherein the deposit is made up of multiple dots, having substantially rectangular or square shapes, aligned and distant from one another.

19. Product according to claim 15, comprising an upper flap having a deposit of adhesive or glue sensitive to pressure, wherein the deposit is made up of multiple dots, having substantially rectangular or square shapes, aligned and distant from one another.

20. Product according to claim 16, comprising an upper flap having a deposit of adhesive or glue sensitive to pressure, wherein the deposit is made up of multiple dots, having substantially rectangular or square shapes, aligned and distant from one another.

21. Product according to claim 17, comprising an upper flap having a deposit of adhesive or glue sensitive to pressure, wherein the deposit is made up of multiple dots, having substantially rectangular or square shapes, aligned and distant from one another.

22. Product according to claim 18, wherein the deposit of glue or adhesive on the upper flap is made up of multiple narrow strips separated from one another and parallel.

23. Product according to claim 19, wherein the deposit of glue or adhesive on the upper flap is made up of multiple narrow strips separated from one another and parallel.

24. Product according to claim 20, wherein the deposit of glue or adhesive on the upper flap is made up of multiple narrow strips separated from one another and parallel.

25. Product according to claim 21, wherein the deposit of glue or adhesive on the upper flap is made up of multiple narrow strips separated from one another and parallel.

26. Product according to claim 14, wherein the adhesives or glues are transparent and when they are seen by transparence through the sheets, the glues or adhesives are light, whereas when viewed by reflected light, these glues or adhesives are dark.

27. Product according to claim 15, wherein the adhesives or glues are transparent and when they are seen by transparence through the sheets, the glues or adhesives are light, whereas when viewed by reflected light, these glues or adhesives are dark.

28. Product and process according to claim 26, wherein the glues or adhesives are colored with a pigment or contain pearly pigments or iridescent pigments.

29. Product and process according to claim 27, wherein the glues or adhesives are colored with a pigment or contain pearly pigments or iridescent pigments.

30. Product according to claim 14, wherein the product comprises at least one sheet of transparent or translucent paper obtained by transparentizing a sheet of opaque paper.

31. Product according to claim 15, wherein the product comprises at least one sheet of transparent or translucent paper obtained by transparentizing a sheet of opaque paper.

32. Product according to claim 14, wherein it comprises at least one sheet of transparent or translucent paper obtained by beating paper stock to a high degree.

33. Product according to claim 15, wherein it comprises at least one sheet of transparent or translucent paper obtained by beating paper stock to a high degree.

34. Process for manufacturing a product according to claim 14, comprising cutting out a transparent or translucent sheet, and depositing an adhesive or a glue having a specific shape by a printing process, wherein the printing is done by a roller, which is dipped in a tray of glue or adhesive, this roller then coming in contact with a roller having cavities, which in turn deposits the glue or adhesive on a next cylinder, thus regulating the deposit of glue or adhesive of this next cylinder, and this next cylinder then prints the transparent or translucent sheet.

35. Process according to claim 34, wherein the adhesives or glues are colored by means of a pigment or contain pearly pigments or iridescent pigments.

36. Process according to claim 34, wherein the sheet of transparent or translucent paper is obtained by transparentizing a sheet of opaque paper.

37. Process according to claim 35, wherein the sheet of transparent or translucent paper is obtained by transparentizing a sheet of opaque paper.

38. Process according to claim 34, wherein the sheet of transparent or translucent paper is obtained by beating paper stock to a high degree.

39. Process according to claim 35, wherein the sheet of transparent or translucent paper is obtained by beating paper stock to a high degree.--



**REMARKS**

The above amendment to the claims has been made to correct multiple dependencies of the claims and to put the application in better condition for examination.

In the event that any fees are due in connection with this paper, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,  
MCLELAND & NAUGHTON



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**ENVELOPE MADE OF TRANSPARENT OR  
TRANSLUCENT PAPER**

The present invention concerns a transparent or translucent paper product  
5 which is made by gluing two sheets of paper or one folded sheet of paper.

We already know envelopes made of opaque paper which are made by  
folding one sheet to form a front face, a back face, the back face comprising two  
lateral flaps, one lower flap and one longitudinal upper flap. The two lateral flaps  
are attached to the lower flap by means of a glue or adhesive. The process of  
10 depositing such a glue or adhesive consists in taking the glue or adhesive from a  
recipient by means of a metal blade which is attached to a cylinder. When the  
cylinder rotates, the metal blade skims the surface of the glue in the recipient and  
carries off part of the glue or adhesive, and then, this glue or this adhesive is  
deposited on the flaps of an envelope. A deposit of glue is thus obtained along the  
15 flap of the envelope, this deposit of glue having a length less than the height of the  
flap and a width of a few millimeters. This deposit of glue has irregular edges owing  
to the depositing process by means of a blade and a cylinder. As the paper is  
opaque, the deposit of glue is masked by the opacity of the paper.

A purpose of the present invention is to supply a transparent or translucent  
20 envelope, preferably made of paper, by folding one sheet to form two lateral flaps  
and one longitudinal flap and by depositing a glue or an adhesive, the deposit of  
adhesive or glue being such that it gives the envelope an aesthetic appearance.

A first problem which arises in making an envelope out of transparent or  
translucent paper is that when glue is deposited on a flap and the two faces of paper  
25 are attached together, the glue, although translucent, is visible because the paper is  
transparent. Consequently, if the deposit of glue is made in an uncontrolled manner,

TRANSLATION OF SUBSTITUTE PAGE 2

translucent, is visible because the paper is transparent. Consequently, if the deposit  
of glue is made in an uncontrolled manner, the edges of the deposit are blurred and  
5 give the envelope an unaesthetic appearance.

A second problem which arises is that when a translucent or transparent  
paper such as tracing paper is used, if the deposit of glue is about one centimeter  
wide, the water in the glue tends to make the paper curl. Indeed, tracing paper is a  
paper which is obtained by beating the cellulose fibers in paper stock to a high  
10 degree to form fibrillae and thus give the paper a transparent quality. Beating the  
fibers to a high degree means that the tracing paper thus obtained is highly sensitive  
to water.

The invention therefore aims to solve these problems.

One aim of the present invention is thus to supply a product comprising at  
15 least two transparent or translucent sides, preferably of paper, glued by means of a  
glue or an adhesive and having a certain aesthetic appearance.

Another aim of the present invention is to supply such a product comprising a  
deposit of glue sensitive to pressure and not undergoing deformation when such a  
glue or adhesive is deposited.

20 Thus, the invention concerns a product comprising at least two transparent or  
translucent sides attached one to the other by means of a deposit of adhesive or glue,  
characterized in that the deposit of adhesive or glue has a specific shape visible by  
transparence and by reflection.

According to one embodiment of the invention, the product comprises a front  
25 face, a back face, the back face comprising several flaps attached by means of a  
deposit of glue having a specific shape visible by transparence and by reflection.

## TRANSLATION OF SUBSTITUTE PAGE 2a

The document EP-A-0 256 731 (Moore Business Forms) describes a product comprising at least two transparent faces attached to one another by means of a deposit of adhesive having a certain shape. However, this document does not describe and does not suggest that the deposit of adhesive is visible in any manner to confer an aesthetic appearance to the product.

### TRANSLATION OF SUBSTITUTE PAGE 3

Preferably, the product is such that the deposit of glue is made up of three parallel and substantially equidistant lines.

5           According to one preferred embodiment of the invention, the deposit of glue is in a direction parallel to the lateral edges of the upper face.

Preferably, the product according to the invention comprises an upper flap having a deposit of glue, this glue or adhesive being sensitive to pressure and the deposit being made up of multiple dots in a substantially rectangular or square  
10           shape, and being aligned and separate from one other.

The deposit of glue or adhesive on the flaps of the product is preferably made up of several narrow strips separate from one another and parallel.

The invention also concerns a process of making such a product. This process consists in cutting out a transparent or translucent sheet, preferably of paper,  
15           and depositing an adhesive or a glue having a specific shape determined by a printing process. Preferably, the printing is done by a roller which is dipped in a tray of glue or adhesive, this roller then coming in contact with a roller having cavities which, in turn, deposits the glue or adhesive on a next cylinder, thus regulating its deposit of glue or adhesive. This last cylinder in turn prints the paper.

20           According to the invention, the glues or adhesives are transparent and when they are seen through the sheets, that is, when they are seen by transparence, the glues or adhesives are light whereas when they are seen by reflection, these glues or adhesives are dark. This optical effect is due to the transparency of the paper.

The glues or adhesives may be colored with a dye or a pigment, or may  
25           contain pearly pigments, iridescent pigments or similar pigments.

Figure 2 is a diagram of a process for making the product of Figure 1.

The invention concerns a product 1 according to the invention and more particularly an envelope. This product comprises at least one back face 2 and one front face 3. Faces 2 and 3 are obtained by folding along line 4. We can envisage a product according to the invention which comprises one back face and one front face 3 which are made of separate sheets. The back face 2 and front face 3 may, preferably, be made of a transparent or translucent paper. They may also be made of a transparent or translucent material which is for example a transparent or translucent polymer or a transparent or translucent composite material made of polymer/paper. Preferably, the sheets are made of transparent or translucent paper, and this paper may have been obtained by transparentizing an opaque paper with a transparentizing composition. This type of transparentized paper is commonly made and sold in the United States of America. The sheets may also be made of a transparent or translucent paper, of the tracing paper type commonly made and sold in Europe. This paper is obtained by beating the paper stock so as to obtain a large number of fibrillae which make the paper transparent. The transparent or translucent paper may be colored or may be white. The back sheet 2 and the front sheet 3 are attached one to the other by means of a deposit of glue. According to the invention, the deposit of glue has a predetermined shape. "Predetermined shape" means a shape which is established in advance, before the glue or adhesive is deposited. This shape is variable and may for example be a stroke, a circle, an arabesque, etc. Moreover, the glue or adhesive are transparent in themselves. However, when the glue or adhesive is deposited either on the back face 2, or on the front face 3, when the faces are attached to each other, after the glue or the adhesive has dried, the deposit of glue or adhesive is visible when the product is being looked at by transparence. The deposit of glue or adhesive is then lighter than the two faces, back face 2 and

## TRANSLATION OF SUBSTITUTE PAGE 5

attached one to the other by means of a deposit of glue. According to the invention, the deposit of glue has a predetermined shape. "Predetermined shape" means a shape which is established in advance, before the glue or adhesive is deposited. This shape is variable and may for example be a stroke, a circle, an arabesque, etc. Moreover, the glue or adhesive are transparent in themselves. However, when the glue or adhesive is deposited either on the back face 2, or on the front face 3, when the faces are attached to each other, after the glue or the adhesive has dried, the deposit of glue or adhesive is visible when the product is being looked at by transparence. The deposit of glue or adhesive is then lighter than the two faces, back face 2 and front face 3. Thus, the fact of depositing a glue or an adhesive on a face makes the paper more transparent than it was initially.

When the faces are being looked at in reflection, that is, when the back face 2 and front face 3 are placed on a substantially horizontal base and are being looked at with the naked eye, the deposit of glue or adhesive seems darker than the two faces, back face 2 and front face 3.

The product according to the present invention may be for example a jacket made up of a front face 3 and a back face 2 comprising two flaps 4 and 5 which are attached to the lower flap by a deposit of glue. Such a jacket may be used to pack compact disks and in this case, the jacket will be substantially square once it is attached.

Preferably, the product according to the present invention is an envelope such as shown in Figure 1. This envelope comprises a back face 2, a front face 3, lateral flaps 4 and 5 and an upper flap 6. The lower flap is attached to flaps 4 and 5 by means of a deposit of glue and/or adhesive. More preferably, the deposit of glue is made up, on each side of the

According to a preferred embodiment of the present invention, the envelope has on its flap 6 a glue or an adhesive sensitive to pressure. This deposit of glue is made up of a plurality of dots 17 having substantially rectangular or square shapes, aligned parallel to the fold line 18 between flap 6 and the front face 3. The dots 17 are aligned and preferably equidistant one from another.

These dots may be a plurality of narrow strips separated from one another and parallel as shown in Figure 1.

Because the dots 17 form a discontinuous strip when the dots of glue or adhesive 17 are deposited, the transparent or translucent paper does not curl. Indeed, the deposits are discontinuous and therefore the paper on which the dots of glue or adhesive in solution in a solvent such as water and/or alcohol are deposited is subjected only discontinuously to the action of the water and/or alcohol solvent.

The invention also concerns a process of making a transparent and/or translucent product made up of at least two faces of a paper which are attached with an adhesive or a glue, the deposit of the adhesive or the glue having a shape determined by a printing process. Such a printing process is much more precise than a deposit with a blade such as used in the former technique. Thus, the shapes of glue deposited can be precise and definite. The process of manufacture is such that the glue or adhesive is deposited by means of a roller 19 which is dipped in a bath 20 of glue or adhesive in solution as shown in Figure 2. This roller 19 then enters into contact with a roller 21 which has cavities where the glue 20 is filled. Then, roller 21 deposits the glue or adhesive on a cylinder 22, thus regulating its deposit of adhesive. This last cylinder 21 in turn prints the transparent or translucent paper 23 which unrolls from a feed roller 24.

The glues or adhesives used according to the invention may be colored with a pigment, but, preferably, must remain transparent so as to obtain the optical effect



mentioned above. The glues or adhesives used may be colored and non-transparent. In this case, when the deposit of glue is seen by transparence, it will be darker than the combination of the upper sheet 2 and lower sheet 3 and of a different color.

5 The glues or adhesives according to the present invention may also contain pearly pigments, iridescent pigments or similar pigments.

10 Another printing process than that described above may also be used to deposit the glue. For example, a screen-printing process or an offset process may be used as long as the deposit of glue or adhesive is precise and gives defined shapes. Varied optical effects are thus obtained through the transparency of the paper, the color of the paper, the transparency or lack of transparency of the glue, the color or lack of color of the glue.

## TRANSLATION OF SUBSTITUTE CLAIMS (PAGES 8-10)

### CLAIMS

1. Product comprising at least two transparent or translucent faces (2, 3) attached one to the other by means of a deposit of adhesive or glue having a specific shape, characterized in that the deposit of adhesive or glue is visible by transparence and by reflection.

2. Product according to claim 1, comprising a front face (3), a back face (2), the back face (2) comprising two flaps (4, 5) and a lower flap attached to flaps (4, 5) by means of a deposit of glue having a specific shape, characterized in that the deposit of adhesive or glue is visible by transparence and by reflection.

3. Product according to claim 1 or 2, characterized in that the deposit of adhesive or glue is made up of three parallel, substantially equidistant lines (9, 10, 11).

4. Product according to one of the previous claims, comprising an upper flap (6) having a deposit of adhesive or glue sensitive to pressure, characterized in that the deposit is made up of multiple dots (17) having substantially rectangular or square shapes, aligned and distant from one another.

5. Product according to claim 4, characterized in that the deposit of glue or adhesive on the upper flap (6) is made up of multiple narrow strips separated from one another and parallel.

6. Product according to one of claims 1 to 5, characterized in that the adhesives or glues are transparent and when they are seen by

transparence through the sheets, the glues or adhesives are light, whereas when they are seen by reflection, these glues or adhesives are dark.

7. Product according to claim 6, characterized in that the glues or adhesives are colored with a pigment or contain pearly pigments, iridescent pigments.

8. Product according to one of the previous claims, characterized in that it consists in at least one sheet of transparent or translucent paper obtained by transparentizing a sheet of opaque paper.

9. Product according to one of the previous claims, characterized in that it consists in at least one sheet of transparent or translucent paper obtained by beating paper stock to a high degree.

10. Process for manufacturing a product according to one of claims 1 to 9, consisting in cutting out a transparent or translucent sheet, and depositing an adhesive or a glue having a shape determined by a printing process, characterized in that the printing is done by a roller (19), which is dipped in a tray of glue or adhesive (20), this roller (19) then coming in contact with a roller (21) with cavities, which in turn deposits the glue or adhesive on a next cylinder (22), thus regulating its deposit of glue or adhesive, and this next cylinder (22) then prints the transparent or translucent sheet.

11. Process according to claim 10, characterized in that the adhesives or glues are colored with a pigment or contain pearly pigments, iridescent pigments.

12. Process according to one of claims 10 or 11, characterized in that the sheet of transparent or translucent paper is obtained by transparentizing a sheet of opaque paper.

13. Process according to one of claims 10 to 12, characterized in that the sheet of transparent or translucent paper is obtained by beating paper stock to a high degree.

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## ABSTRACT

### ENVELOPE OF TRANSPARENT OR TRANSLUCENT PAPER

The present invention concerns a product made of transparent paper such as tracing paper or transparentized paper.

Such a product comprises at least two transparent or translucent faces (2, 3) attached one to the other by a deposit of adhesive or glue, characterized in that the deposit of adhesive or glue has a specific shape visible by transparence and by transmission. Preferably, it comprises a front face (3), a back face (2), the back face (2) comprising two flaps (4, 5) and a lower flap attached to the flaps (4, 5) by means of a deposit of glue having a specific shape visible by transparence and by transmission.

Application as an envelope.

Figure 1

**Declaration for U.S. Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled TRANSPARENT OR TRANSLUCENT PAPER ENVELOPE the specification of which is attached hereto unless the following is checked

☒ was filed on March 30, 1999 as United States Application Number or PCT International Application Number PCV/FR99/00745 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, ' 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, ' 119 (a) - (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

(List prior foreign applications. See note A on back of this page)	<u>98/04345</u>	<u>FRANCE</u>	<u>30/03/1998</u>	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	(Number)	(Country)	(Day/Month/Year Filed)	
	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
	(Number)	(Country)	(Day/Month/Year Filed)	
	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
	(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

(See note B on back of this page)

☐ See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, ' 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, ' 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(List Prior U.S. Applications)	_____	_____	_____
	(Appln. Serial No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)
	_____	_____	_____
	(Appln. Serial No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)
	(Appln. Serial No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

20- James E. Armstrong, III, Reg. No. 18,366; William F. Westerman, Reg. No. 29,988; Ken-Ichi Hattori, Reg. No. 32,861; Le-Nhung McLeland, Reg. No. 31,541; Ronald F. Naughton, Reg. No. 24,616; William G. Kratz, Jr., Reg. No. 22,631; Mei R. Quintos, Reg. No. 31,898; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; Scott M. Daniels, Reg. No. 32,562; John R. Pegan, Reg. No. 18,069; John F. Carney, Reg. No. 20,276; Edward F. Welsh, Reg. No. 22,455; William L. Brooks, Reg. No. 34,129; John P. Kong, Reg. No. 40,054; James E. Armstrong, IV, Reg. No. 42,266; Nicolas E. Seckel, Reg. No. 44,373; Raymond J. Ho, Reg. No. 41,838; Thomas E. Brown, Reg. No. 44,450; and James N. Baker, Reg. No. 40,899.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, ' 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(See note C  
above)

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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fourth inventor (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth inventor (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of sixth inventor (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of seventh inventor (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of eighth inventor (given name, family name) \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

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